

Abstract of the Disclosure

A method of modifying image data in which image colors are to be modified, including a first step of initialising a color vector function, in which color vector is a function of luminance, and then the following repeated steps.

A user defines a luminance range (616, 617) and a color vector (620) for that range. The color vector function is updated (601) and a look-up table (407) is generated (602) that is addressable by luminance. Image data (405) is processed by calculating each pixel's luminance and using this to address the red, green and blue values in the look-up table (407). The red, green and blue values so obtained are then added to each pixel's original red, green and blue values, resulting in output image pixels.

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